```
EEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEEEEEEEEEEE      DDD      DDD          TTT
EEEEEEEEEEEE      DDD      DDD          TTT
EEEEEEEEEEEE      DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEE               DDD      DDD          TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD            TTT
```

```
TTTTTTTTT1  RRRRRRRR      AAAAAA    CCCCCCCC  EEEEEEEEEE  MM      MM     AAAAAA     CCCCCCCC
TTTTTTTTTT  RRRRRRRR      AAAAAA    CCCCCCCC  EEEEEEEEEE  MM      MM     AAAAAA     CCCCCCCC
      TT    RR      RR    AA    AA  CC        EE          MMMM  MMMM   AA    AA   CC
      TT    RR      RR    AA    AA  CC        EE          MMMM  MMMM   AA    AA   CC
      TT    RR      RR    AA    AA  CC        EE          MM  MM  MM   AA    AA   CC
      TT    RR      RR    AA    AA  CC        EE          MM  MM  MM   AA    AA   CC
      TT    RRRRRRRR      AA    AA  CC        EEEEEEEE    MM      MM   AA    AA   CC
      TT    RRRRRRRR      AA    AA  CC        EEEEEEEE    MM      MM   AA    AA   CC
      TT    RR  RR        AAAAAAAAAA  CC        EE          MM      MM   AAAAAAAAAA   CC
      TT    RR   RR       AAAAAAAAAA  CC        EE          MM      MM   AAAAAAAAAA   CC
      TT    RR    RR      AA    AA  CC        EE          MM      MM   AA    AA   CC
      TT    RR    RR      AA    AA  CC        EE          MM      MM   AA    AA   CC
      Ti    RR      RR    AA    AA  CCCCCCCC  EEEEEEEEEE  MM      MM   AA    AA   CCCCCCCC    ....
      TT    RR      RR    AA    AA  CCCCCCCC  EEEEEEEEEE  MM      MM   AA    AA   CCCCCCCC    ....

LL           IIIIII      SSSSSSSS
LL           IIIIII      SSSSSSSS
LL             II      SS
LL             II      SS
LL             II      SS
LL             II      SS
LL             II        SSSSSS
LL             II        SSSSSS
LL             II              SS
LL             II              SS
LL             II              SS
LL             II              SS
LLLLLLLLLL   IIIIII      SSSSSSS
LLLLLLLLLL   IIIIII      SSSSSSSS
```

```
0001  0    !*******************************************************************
0002  0    !*                                                                 *
0003  0    !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                        *
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0020  0    !*                                                                 *
0021  0    !*                                                                 *
0022  0    !*******************************************************************
0023  0
0024  0    !+
0025  0    ! This file, TRACEMAC.REQ, holds the $$TRACE and $$TRACE_READ macros for EDT.
0026  0    !-
0027  0    !<BLF/macro>
0028  0
0029  0    MACRO
0030  0        $$TRACE (TYPE, SUBTYPE, TEXT_LENGTH, TEXT_ADDR) =
0031  0            %BLISS32 [                                ! Only on VAX-11
0032  0
0033  0            %IF EDT$$TR_ACT
0034  0            %THEN                                    ! Only if selected
0035  0                BEGIN
0036  0
0037  0                LOCAL
0038  0                    TRACE_STATUS;
0039  0
0040  0                EXTERNAL ROUTINE
0041  0                    EDT$$TR_WR : ADDRESSING_MODE (GENERAL);
0042  0
0043  0                TRACELIT;                            ! Define trace literals
0044  0                TRACE_STATUS = EDT$$TR_WR (TYPE, SUBTYPE, TEXT_LENGTH, TEXT_ADDR);
0045  0
0046  0                IF ( NOT .TRACE_STATUS) THEN SIGNAL_STOP (.TRACE_STATUS);
0047  0
0048  0                END
0049  0            %FI
0050  0
0051  0            ] %,
0052  0        $$TRACE_READ (TYPE, SUBTYPE, BUFFER_LENGTH, BUFFER_ADDR, TEXT_LEN) =
0053  0            %BLISS32 [                                ! Only on VAX-11
0054  0
0055  0            %IF EDT$$TR_ACT
0056  0            %THEN                                    ! Only if selected
0057  0                BEGIN
```

```
M 0058  0
M 0059  0                      LOCAL
M 0060  0                          TRACE_STATUS;
M 0061  0
M 0062  0                      EXTERNAL ROUTINE
M 0063  0                          EDT$$TR_RD : ADDRESSING_MODE (GENERAL);
M 0064  0
M 0065  0                      TRACELIT;                              ! Define trace literals
M 0066  0
M 0067  0                      EXTERNAL
M 0068  0                          EDT$$L_TR_INFLG : ADDRESSING_MODE (GENERAL);
M 0069  0
M 0070  0                      IF ( NOT .EDT$$L_TR_INFLG)
M 0071  0                      THEN
M 0072  0                          0
M 0073  0                      ELSE
M 0074  0                          BEGIN
M 0075  0                          TRACE_STATUS = EDT$$TR_RD (TYPE, SUBTYPE, BUFFER_LENGTH, BUFFER_ADDR, TEXT_LEN);
M 0076  0
M 0077  0                          IF ( NOT .TRACE_STATUS) THEN SIGNAL_STOP (.TRACE_STATUS);
M 0078  0
M 0079  0                          1
M 0080  0                          END
M 0081  0
M 0082  0                          END
M 0083  0              %ELSE
M 0084  0                  0
M 0085  0              %FI
M 0086  0
M 0087  0              ] %.
M 0088  0          $$TRACE_READING (ACTION) =
M 0089  0              %BLISS32 [                              ! Only on VAX-11
M 0090  0
M 0091  0              %IF EDT$$TR_ACT
M 0092  0              %THEN                                   ! Only if selected
M 0093  0                  BEGIN
M 0094  0
M 0095  0                  EXTERNAL
M 0096  0                      EDT$$L_TR_INFLG : ADDRESSING_MODE (GENERAL);
M 0097  0
M 0098  0                  IF .EDT$$L_TR_INFLG THEN %REMOVE (ACTION)
M 0099  0
M 0100  0                  END
M 0101  0              %ELSE
M 0102  0                  0
M 0103  0              %FI
M 0104  0
M 0105  0              ] %;
M 0106  0
   0107  0      REQUIRE 'EDTSRC:TRACELIT.REQ';              ! Define macro TRACELIT
```

```
RO108   0   !*******************************************************************
RO109   0   !*                                                                 *
RO110   0   !*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                       *
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RO126   0   !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.       *
RO127   0   !*                                                                 *
RO128   0   !*                                                                 *
RO129   0   !*******************************************************************
RO130   0
RO131   0   !+
RO132   0   ! This file, TRACELIT.REQ, contains the literals for trace record types and
RO133   0   !        subtypes.
RO134   0   !-
RO135   0
RO136   0   MACRO
MRO137  0       TRACELIT =
MRO138  0
MRO139  0
MRO140  0   LITERAL
MRO141  0       EDT$$TR_START  = 1,              ! Startup
MRO142  0       EDT$$TR_SSTART_INIT = 1,         ! First record in file
MRO143  0       EDT$$TR_SSTART_TERM = 2,         ! Terminal type
MRO144  0       EDT$$TR_COM  = 2,               ! Command line
MRO145  0       EDT$$TR_SCOM_INP  = 1,           ! Input file name
MRO146  0       EDT$$TR_SCOM_OUT  = 2,           ! Output file name
MRO147  0       EDT$$TR_SCOM_CMD  = 3,           ! Command file name
MRO148  0       EDT$$TR_SCOM_JOU  = 4,           ! Journal file name
MRO149  0       EDT$$TR_SCOM_SW_JOU  = 5,        ! Value of /JOURNAL switch
MRO150  0       EDT$$TR_SCOM_SW_CMD  = 6,        ! Value of /COMMAND switch
MRO151  0       EDT$$TR_SCOM_SW_REC  = 7,        ! Value of /RECOVER switch
MRO152  0       EDT$$TR_SCOM_SW_REA  = 8,        ! /READ switch seen
MRO153  0       EDT$$TR_KEY  = 3,               ! Keyboard input
MRO154  0       EDT$$TR_SK_PROMPT  = 1,          ! Prompt string
MRO155  0       EDT$$TR_SK_LN  = 2,             ! Line read using RMS
MRO156  0       EDT$$TR_SK_STS  = 3,            ! RMS STS from that read
MRO157  0       EDT$$TR_SK_TERM_NE  = 4,         ! Line terminator, not echoed
MRO158  0       EDT$$TR_SK_CH  = 5,             ! Characters read using QIO, with echo
MRO159  0       EDT$$TR_SK_CH_NE  = 6,           ! Characters read using QIO, no echo
MRO160  0       EDT$$TR_SCR  = 4,               ! Screen output
MRO161  0       EDT$$TR_SSCR_LN  = 1,            ! Line printed using RMS
MRO162  0       EDT$$TR_SSCR_CH  = 2,            ! Characters printed using QIO
MRO163  0       EDT$$TR_IFO  = 5,               ! Input file open
MRO164  0       EDT$$TR_SIFO_FNAM  = 1,          ! File name
```

```
; MR0165  0           EDT$$TR_SIFO_DNAM    = 2,        ! Default file name
; MR0166  0           EDT$$TR_SIFO_RLNAM   = 3,        ! Related file name
; MR0167  0           EDT$$TR_SIFO_OPN_STS = 4,        ! STS from $OPEN
; MR0168  0           EDT$$TR_SIFO_OPN_STV = 5,        ! STV from $OPEN
; MR0169  0           EDT$$TR_SIFO_OPN_IFI = 6,        ! IFI from $OPEN
; MR0170  0           EDT$$TR_SIFO_CON_STS = 7,        ! STS from $CONNECT
; MR0171  0           EDT$$TR_SIFO_CON_STV = 8,        ! STV from $CONNECT
; MR0172  0           EDT$$TR_SIFO_CON_ISI = 9,        ! ISI from $CONNECT
; MR0173  0           EDT$$TR_SIFO_RNAM    = 10,       ! Resultant file name
; MR0174  0           EDT$$TR_IFR  = 6,                ! Input file read
; MR0175  0           EDT$$TR_SIFR_ISI  = 1,           ! ISI of file
; MR0176  0           EDT$$TR_SIFR_STS  = 2,           ! STS from $GET
; MR0177  0           EDT$$TR_SIFR_STV  = 3,           ! STV from $GET
; MR0178  0           EDT$$TR_SIFR_REC  = 4,           ! Text of the record read
; MR0179  0           EDT$$TR_IFC  = 7,                ! Input file close
; MR0180  0           EDT$$TR_SIFC_IFI  = 1,           ! IFI of file
; MR0181  0           EDT$$TR_SIFC_STS  = 2,           ! STS from $CLOSE
; MR0182  0           EDT$$TR_SIFC_STV  = 3,           ! STV from $CLOSE
; MR0183  0           EDT$$TR_OFO  = 8,                ! Output file open
; MR0184  0           EDT$$TR_SOFO_FNAM    = 1,        ! File name
; MR0185  0           EDT$$TR_SOFO_DNAM    = 2,        ! Default file name
; MR0186  0           EDT$$TR_SOFO_RLNAM   = 3,        ! Related file name
; MR0187  0           EDT$$TR_SOFO_CRE_STS = 4,        ! STS from $CREATE
; MR0188  0           EDT$$TR_SOFO_CRE_STV = 5,        ! STV from $CREATE
; MR0189  0           EDT$$TR_SOFO_CRE_IFI = 6,        ! IFI from $CREATE
; MR0190  0           EDT$$TR_SOFO_CON_STS = 7,        ! STS from $CONNECT
; MR0191  0           EDT$$TR_SOFO_CON_STV = 8,        ! STV from $CONNECT
; MR0192  0           EDT$$TR_SOFO_CON_ISI = 9,        ! ISI from $CONNECT
; MR0193  0           EDT$$TR_SOFO_RNAM    = 10,       ! Resultant file name
; MR0194  0           EDT$$TR_AFO  = 9,                ! Append file open
; MR0195  0           EDT$$TR_SAFO_FNAM    = 1,        ! File name
; MR0196  0           EDT$$TR_SAFO_DNAM    = 2,        ! Default file name
; MR0197  0           EDT$$TR_SAFO_RLNAM   = 3,        ! Related file name
; MR0198  0           EDT$$TR_SAFO_OPN_STS = 4,        ! STS from $OPEN
; MR0199  0           EDT$$TR_SAFO_OPN_STV = 5,        ! STV from $OPEN
; MR0200  0           EDT$$TR_SAFO_OPN_IFI = 6,        ! IFI from $OPEN
; MR0201  0           EDT$$TR_SAFO_CON_STS = 7,        ! STS from $CONNECT
; MR0202  0           EDT$$TR_SAFO_CON_STV = 8,        ! STV from $CONNECT
; MR0203  0           EDT$$TR_SAFO_CON_ISI = 9,        ! ISI from $CONNECT
; MR0204  0           EDT$$TR_SAFO_RNAM    = 10,       ! Resultant file name
; MR0205  0           EDT$$TR_OFW  = 10,               ! Output file write
; MR0206  0           EDT$$TR_SOFW_ISI  = 1,           ! ISI of file
; MR0207  0           EDT$$TR_SOFW_REC  = 2,           ! Text of the record to be writt...
; MR0208  0           EDT$$TR_SOFW_STS  = 3,           ! STS from $PUT
; MR0209  0           EDT$$TR_SOFW_STV  = 4,           ! STV from $PUT
; MR0210  0           EDT$$TR_OFC  = 11,               ! Output file close
; MR0211  0           EDT$$TR_SOFC_IFI  = 1,           ! IFI of file
; MR0212  0           EDT$$TR_SOFC_STS  = 2,           ! STS from $CLOSE
; MR0213  0           EDT$$TR_SOFC_STV  = 3,           ! STV from $CLOSE
; MR0214  0           EDT$$TR_FLU  = 12,               ! $FLUSH
; MR0215  0           EDT$$TR_SFLU_ISI  = 1,           ! ISI for $FLUSH
; MR0216  0           EDT$$TR_CLO  = 13,               ! $CLOSE
; MR0217  0           EDT$$TR_SCLO_IFI  = 1,           ! IFI for $CLOSE
; MR0218  0           EDT$$TR_IDLE  = 14,      ! Idle point
; MR0219  0           EDT$$TR_SIDLE_KIN  = 1,  ! Idle   ! Idle waiting for keyboard input
; MR0220  0           EDT$$TR_EXI  = 15,       ! EXIT
; MR0221  0           EDT$$TR_SEXI  = 1                 ! (No subtype really needed)
```

```
; R0222  0     %;
; R0223  0
; R0224  0     !       End of file TRACELIT.REQ
```

```
;   0225  0
;   0226  0    !        End of file TRACEMAC.REQ




;                              COMMAND QUALIFIERS

;       BLISS/LIBRARY=EDTSRC:TRACEMAC/LIST=LIS$:/SOURCE=REQUIRE SRC$:TRACEMAC

; Run Time:         00:01.9
; Elapsed Time:     00:05.0
; Lines/CPU Min:     7062
; Lexemes/CPU-Min:  18500
; Memory Used:  17 pages
; Library Precompilation Complete
```

SCRUPDATM
LIS

STARTEDT
LIS

TISAVE
LIS

SETCOMMAN
LIS

TIAUTO
LIS

TIDELETE
LIS

TILINE
LIS

TRACEMAC
LIS

UFBUFFER
LIS

SCRZAPSIN
LIS

UEXACASE
LIS

SCRUPDATN
LIS

TITYPAHD
LIS

TSTKEYDEF
LIS

TICLRAUD
LIS

SUPPORTS
LIS

TICHAR
LIS

TIECHO
LIS

TRAROUNAM
LIS

TRANSLATE
LIS

UFSTRING
LIS

SYSVAX
LIS

SCRWID
LIS

TRACELIT
LIS

UCVTCASE
LIS